

REMARKS

Reconsideration of this application is now being requested. Claims 1-18 are now in this application. Claims 1, 9, 11 and 12 have been amended.

Claims 1, 6-9 and 14-18 were rejected under 35 USC §103(a) as being unpatentable over Johnson in view of Katz. Applicant respectfully traverses. Claims 1 and 9 have been amended to recite the limitation of a "space division multiple access (SDMA) cellular radio telecommunications network, in which in use physical channels are reused in the same cell." In SDMA networks, sharing physical channels is known with packets from different uses being differentiated by different identifying training sequences. The present invention claims 1 and 9 are distinguished by a time shift between them. With an SDMA network provided with timing as an additional factor in differentiation (see Fig. 1), signals from different mobile sources may be readily decoded. Neither Johnson nor Katz teaches an SDMA network or re-using in use physical channels in the same cell. For these reasons, it is felt that amended claims 1 and 9 are patentable under 35 USC §103(a) over Johnson in view of Katz.

Claims 6-8 and 14-18 depend upon, and include all the limitations of, claims 1 and 9, respectively, and therefore are also felt to be patentable under 35 USC §103(a) over Johnson in view of Katz.

Claims 2-3, 5, 10-11 and 13 were rejected under 35 USC §103(a) over Johnson in view of Katz and Falco. Applicant respectfully traverses. Claims 2-3, 5, 10-11 and 13 depend upon, and include all the limitations of, claim 1 or 9. Neither Johnson, Katz nor Falco teaches an SDMA network or re-using in use physical channels in the same cell. For these reasons, it is felt that claims 2-3, 5, 10-11 and 13 are patentable under 35 USC §103(a) over Johnson in view of Katz and Falco.

No additional fee is due.

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Respectfully submitted,

Hamid Reza Karimi

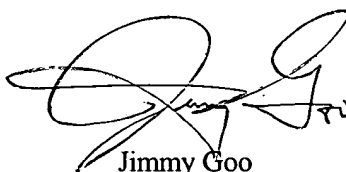
Alexandr Kuzminskiy

Carlo Luschi

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Paul Edward Strauch

Ran-Hong Yan

A handwritten signature in black ink, appearing to be 'Jimmy Goo', with a stylized, cursive script.

Jimmy Goo

Reg. No. 36,528

Date: 27 May 2003